

Facility Planning: Bridges -- No. 509132

Category
Agency
Planning Area
Relocation Impact

Transportation
Public Works & Transportation
Countywide
None.

Date Last Modified
Required Adequate Public Facility

May 11, 2006
NO

EXPENDITURE SCHEDULE (\$000)

| Cost Element | Total | Thru FY05 | Est. FY06 | Total 6 Years | FY07 | FY08 | FY09 | FY10 | FY11 | FY12 | Beyond 6 Years |
|-------------------------------------|--------------|--------------|--------------|------------------|------------|------------|------------|------------|------------|------------|-------------------|
| Planning, Design and Supervision | 8,498 | 5,780 | 418 | 2,300 | 723 | 449 | 251 | 377 | 250 | 250 | 0 |
| Land | 108 | 108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Improvements and Utilities | 61 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 27 | 25 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other | 21 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 8,715 | 5,988 | 427 | 2,300 | 723 | 449 | 251 | 377 | 250 | 250 | * |

FUNDING SCHEDULE (\$000)

| | | | | | | | | | | | |
|-------------|-------|-------|-----|-------|-----|-----|-----|-----|-----|-----|---|
| PAYGO | 340 | 340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G.O. Bonds | 7,549 | 4,822 | 427 | 2,300 | 723 | 449 | 251 | 377 | 250 | 250 | 0 |
| Federal Aid | 811 | 811 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Land Sale | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This ongoing project provides studies for bridge projects under consideration for inclusion in the CIP. Facility Planning serves as a transition stage for a project between identification of need and its inclusion as a stand-alone project in the CIP. Prior to the establishment of a stand-alone project, DPWT will complete a design which outlines the general and specific features required on the project. Selected projects range in type, but typically consist of upgrading deficient bridges so that they can safely carry all legal loads which must be accommodated while providing a minimum of two travel lanes. Facility Planning is a decision-making process to design bridges which are already identified as deficient. For a full description of the Facility Planning process, see the CIP Planning Section. Candidate projects currently included are listed in the "Other" section below.

Service Area

Countywide

JUSTIFICATION

There is continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. Facility planning costs for all projects which ultimately become stand-alone PDFs are included here. These costs will not be reflected in the resulting individual project. Future individual CIP projects which result from facility planning will each benefit from reduced planning and design costs.

Plans and Studies

Biennial inspections performed since 1987 have consistently shown that the bridges currently included in the project for design studies are in need of major rehabilitation or replacement. Pedestrian safety is considered during design of individual bridge projects.

Cost Change

Increase due to addition of five candidate bridges to the program and the addition of FY11-12 to this ongoing project.

STATUS

Ongoing

OTHER

Candidates for this program are identified through the County Biennial Bridge Inspection Program as being deficient, load restricted, or geometrically substandard. The Planning, Design, and Supervision costs for all bridge designs include all costs up to contract preparation. At that point, future costs and Federal aid will be included in stand-alone PDFs. *Expenditures will continue indefinitely.

Candidate Projects:

Piney Meetinghouse Road Bridge #M-0021
Whites Ferry Bridge #M-0187
Whites Ferry Bridge #M-0189
Cedar Lane Bridge #M-0074
Talbot Avenue Bridge #M-0085 (Starting in FY08)

APPROPRIATION AND EXPENDITURE DATA

| | | |
|-------------------------------|------|---------|
| Date First Appropriation | FY91 | (\$000) |
| Initial Cost Estimate | | 124 |
| First Cost Estimate | | |
| Current Scope | FY07 | 8,715 |
| Last FY's Cost Estimate | | 7,483 |
| Present Cost Estimate | | 8,715 |
| Appropriation Request | FY07 | 654 |
| Appropriation Request Est. | FY08 | 449 |
| Supplemental | | |
| Appropriation Request | FY06 | 0 |
| Transfer | | 0 |
| Cumulative Appropriation | | 6,484 |
| Expenditures/ Encumbrances | | 6,421 |
| Unencumbered Balance | | 63 |
| Partial Closeout Thru | FY04 | 0 |
| New Partial Closeout | FY05 | 0 |
| Total Partial Closeout | | 0 |

COORDINATION

Maryland-Department of the Environment
Maryland-Department of Natural Resources
Maryland-National Capital Park and Planning
Commission
Montgomery County Department of Permitting
Services
U.S. Army Corps of Engineers
Maryland State Highway Administration
Federal Highway Administration
Utility Companies
Maryland Historic Trust
CSX Transportation
Washington Metropolitan Area Transit Authority
Rural/Rustic Roads Legislation

MAP

